

THE CLAIMS

What is claimed is:

- 5 1. A topical anti-inflammatory pharmaceutical composition comprising:
hydrogen peroxide in an amount sufficient to cleanse the skin;
a moisturizing agent in an amount sufficient to facilitates hydration of the skin;
and
an anti-inflammatory agent to in an amount sufficient to reduce inflammation
10 of the skin.
2. The pharmaceutical composition of claim 1, wherein the hydrogen peroxide is
present in an amount from about 0.01 to 6 weight percent by weight of the composition, the
15 moisturizing agent is present in an amount of about 0.01 to 20 weight percent by weight of the
composition, and the anti-inflammatory agent is present in an amount of about 0.02 to 2 weight
percent by weight of the composition.
3. The pharmaceutical composition of claim 1, wherein the moisturizing agent is
20 a hydrophobic moisturizing agent.
4. The composition of claim 3, wherein the hydrophobic moisturizing agent is
ceramide, borage oil, tocopherol, tocopherol linoleate, dimethicone, glycerine, or a mixture
thereof.
- 25 5. The pharmaceutical composition of claim 1, wherein the moisturizing agent is
a hydrophilic moisturizing agent.
6. The pharmaceutical composition of claim 5, wherein the hydrophilic
30 moisturizing agent is hyaluronic acid, sodium peroxylinecarbolic acid, wheat protein, hair
keratin amino acids, or a mixture thereof.

7. The pharmaceutical composition of claim 1, wherein the composition further comprises a pharmaceutically acceptable carrier or excipient.

5 8. A gel, paste, cream, lotion, emulsion, or ointment comprising the pharmaceutical composition of claim 1.

9. The pharmaceutical composition of claim 1, further comprising an exfoliant.

10 10. The pharmaceutical composition of claim 9, wherein the exfoliant is an enzymatic exfoliant.

11. The pharmaceutical composition of claim 9, wherein the exfoliant is an mono- or -poly-hydroxy acid.

15 12. The pharmaceutical composition of claim 11, wherein the exfoliant comprises an alpha-hydroxy acid, beta-hydroxy acid, or tannic acid.

20 13. The pharmaceutical composition of claim 11, wherein the exfoliant comprises glycolic acid, lactic acid, citric acid, salicylic acid, or tannic acid.

14. The pharmaceutical composition of claim 1, further comprising an amount of amphoteric surfactant and an amount of citric acid sufficient to inhibit hydrogen peroxide decomposition for at least three months.

25 15. The pharmaceutical composition of claim 14, wherein the amount of amphoteric surfactant and citric acid is sufficient to inhibit hydrogen peroxide decomposition at 40°C for at least three months.

30 16. The pharmaceutical composition of claim 1, further comprising at least one of a surfactant, a stabilizer, a preservative, an anti-oxidant, or a coloring agent, which together may be present in an amount from about 10.1 to 99.1 weight percent of the composition.

17. A method of managing an inflammatory skin condition which comprises topically administering to a patient a therapeutically effective amount of:

- (1) hydrogen peroxide in an amount sufficient to cleanse the skin;
- (2) a moisturizing agent in an amount sufficient to facilitates hydration of the skin; and
- 5 (3) an anti-inflammatory agent to in an amount sufficient to reduce inflammation of the skin.

18. The method of claim 17, wherein the skin condition treated is at least one of dermatitis, psoriasis, folliculitis, rosacea, acne, impetigo, erysipelas, paronychia, erythrasma,
10 and eczema.

19. The method of claim 17, wherein the amount of the hydrogen peroxide, moisturizing agent, and anti-inflammatory agent administered is about 1 mg to 20,000 mg per
15 day.

20. The method of claim 17, further comprising administering one or more second dermatological agents selected from a moisturizer, anti-inflammatory agent, analgesic, or anesthetic by a route other than topical administration.

21. The method of claim 20, wherein the one or more second dermatological agents is a moisturizer selected from panthenol, primrose oil, omega-3 fish oils, omega-6 fish oils, linoleic acid, flax seed oil, and mixtures thereof.

22. The method of claim 20, wherein the one or more second dermatological agents is an anti-inflammatory agent selected from aspirin, ibuprofen, ketoprofen, naproxen, and mixtures thereof.

23. The method of claim 17, further comprising administering one or more
30 exfoliants in an amount sufficient to exfoliate at least a portion of the skin.

24. The method of claim 23, wherein the exfoliant is an enzymatic exfoliant.

25. The method of claim 24, wherein the exfoliant is an mono- or -poly-hydroxy acid.

26. The method of claim 25, wherein the exfoliant comprises an alpha-hydroxy acid, beta-hydroxy acid, or tannic acid.

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27. The method of claim 26, wherein the exfoliant comprises glycolic acid, lactic acid, citric acid, salicylic acid, or tannic acid.

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